

2018 Female Breast Cancer Fact Sheet — Texas

Texas Department of State Health Services

April 2018

Age-Adjusted Incidence Rate of Female Breast Cancer (Per 100,000), 2015:	112.2 (95% Confidence Interval: 110.5-114.0)
Expected Deaths due to Female Breast Cancer, 2018:	3,143

Interpretations:

The incidence rate for breast cancer was 112 new cases per 100,000 women in Texas.

Prevalence of Breast Cancer Screening, Females, 18 years and older, 2016

Percentage of Adults (95% confidence interval)

Ever had a mammogram	62.4 (59.9-64.9)
Mammogram within past 2 years (age 40 years and over)	66.4 (63.5-69.4)

An estimated 66.4% of women age 40 years and over had a mammogram within the last two years.

Age-Adjusted Death Rates due to Breast Cancer, Females, All Ages, 2015

Annual Deaths per 100,000 Women (95% confidence interval)

Demographics	Deaths	Age-Adjusted Mortality Rate	95% Confidence Interval	
			Lower	Upper
Total	2,849	20.0	19.3	20.8
White	1,755	21.3	20.3	22.3
Black	453	29.1	26.4	31.8
Hispanic	554	14.8	13.5	16.0
Other	87	12.1	9.5	14.6

For every 100,000 women in Texas, about 20 died from breast cancer.

Breast cancer deaths were more common among black women than white or Hispanic women.

Age-Adjusted Breast Cancer Hospitalization Rates and Charges, Females, All Ages, 2015

Annual Hospital Discharges per 10,000 Women (95% confidence interval)

Demographics	Discharges	Age-Adjusted Discharge Rate	95% Confidence Interval	
			Lower	Upper
Total	3,593	2.5	2.4	2.6
White	2,090	2.8	2.8	2.7
Black	528	3.1	3.1	2.9
Hispanic	746	1.7	1.7	1.6
Other	209	2.5	2.5	2.1

For every 10,000 women, about 3 breast cancer hospitalizations occurred annually in Texas.

Breast cancer hospitalizations were more common among black and white women than Hispanic women.

Total hospital charges for breast cancer hospitalizations were approximately \$252 million.

Total Hospital Charges: \$252,493,925

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Cost to State

Medicaid Spending among Beneficiaries with Breast Cancer, Females, FY2016 For Fee-for-Service and Star & StarPlus Programs

Type of Care	Total Expenditure	*Number of Beneficiaries	Average Expenditure per Beneficiary
Total	\$46,074,375.44	12,620	\$3,650.90
Inpatient	\$3,239,540.29	443	\$7,312.73
Outpatient	\$12,880,469.35	7,247	\$1,777.35
Physician	\$29,954,365.80	12,047	\$2,486.46

Interpretation:

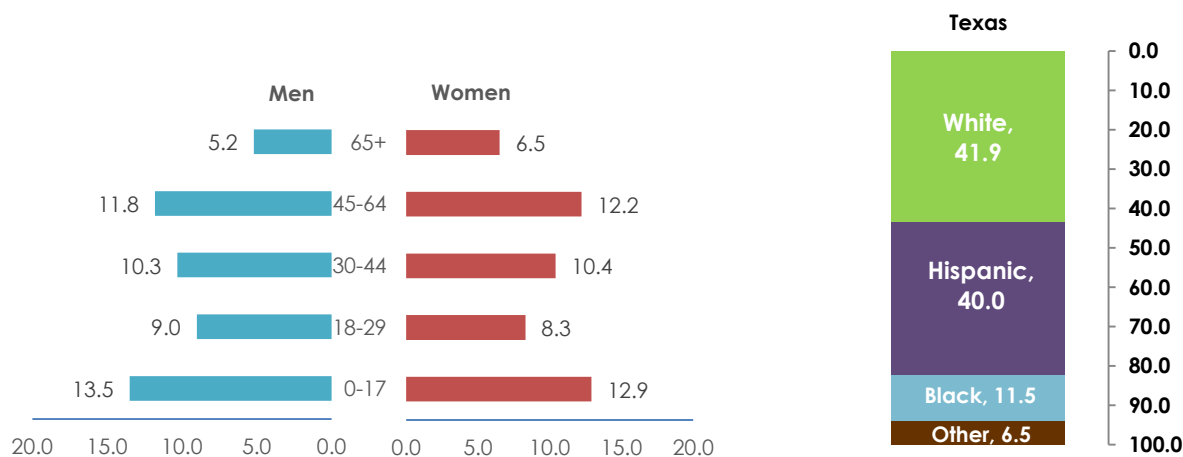
12,620 Texas Medicaid beneficiaries received acute care for breast cancer in fiscal year 2016.

Total expenditure for breast cancer care was highest for physician care at about \$29.9 million compared to inpatient or outpatient hospital care.

Inpatient hospital care involved the highest average cost per beneficiary (about \$7,300) compared to outpatient hospital care or professional care.

Texas Demography, 2015

Total Population = 27,469,114 Distribution of Population (% of Total Population)



Data Sources: 2015 Texas Cancer Registry as prepared by the Cancer Epidemiology and Surveillance Branch, Texas Cancer Registry, Texas Department of State Health Services, 2015 Texas Vital Statistics, Population Data. Texas Behavioral Risk Factor Surveillance System Public Use Data File, 2016. Texas Department of State Health Services, Center for Health Statistics, Austin, Texas. 2013 Texas Vital Statistics, Mortality Data. 2015 Texas Hospital Inpatient Discharge Public Use Data File. 2016 Texas Medicaid Reimbursement Data as prepared by Research Team, Strategic Decision Support, Texas Health and Human Services Commission, February 2018.

Case Definitions: **Expected deaths** estimated by applying age-, race-, and sex-specific mortality rates for Texas, 2011-2015, to the Texas 2018 projected population. **Prevalence** based on respondents 18 years and older and self-reported. (1) **Ever had a mammogram**: responded yes to a question asking if they ever had a mammogram; (2) **Mammogram within past 2 years**: 40 years and older only, responded yes to a question asking if they ever had a mammogram within the past 2 years; (3) **Ever had a clinical breast exam**: responded yes to a question asking if they ever had a clinical breast exam; **Mortality** based on ICD-10 codes for breast cancer (C50). **Hospitalizations** based on ICD-9 codes for breast cancer (174) and ICD-10 codes for breast cancer (C50). **Medicaid** reimbursement based on paid and partially paid claims for fee-for-service and primary care case management services selected from the Texas Medicaid and Health Partnership (TMHP) Ad Hoc Query Platform (AHQP) Claims Universe of persons with a primary diagnosis of breast cancer (C50).

*A beneficiary may receive more than one type of care; therefore, the sum of beneficiaries receiving each type of care does not equal the total number of beneficiaries.

Statistical significance based upon evaluation of overlap among confidence intervals.